

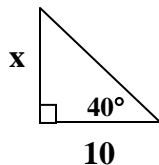
# Skill of the week

## Trigonometry

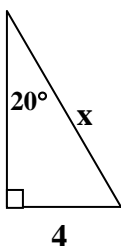
1

Solve for x

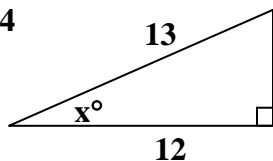
1)



2)



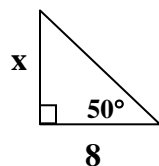
3)



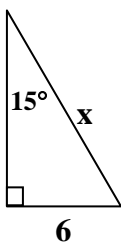
2

Solve for x

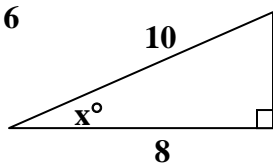
1)



2)

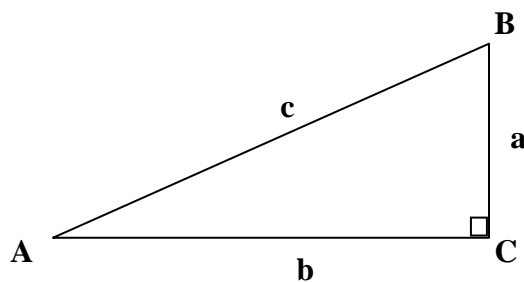


3)



B) Given:  $\triangle ABC$

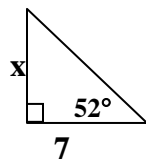
$$\text{Prove: } \tan A = \frac{\sin A}{\cos A}$$



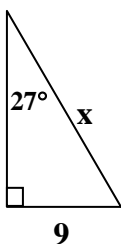
3

A) Solve for x

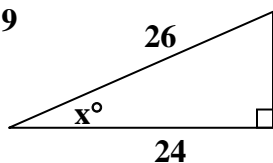
1)



2)



3)



B) Given:  $\triangle ABC$

$$\text{Prove: } \sin^2 A + \cos^2 A = 1$$

